R E P O R T R E S U M E S

ED 018 963 EF 001 533

EDUCATIONAL BUILDINGS. PART I, SCHOOLS. A SELECTED LIST OF BOOKS AND REPORTS RECEIVED BY THE BUILDING RESEARCH LIBRARY, NO. 24.

BY- BOLTON, BARBARA G.
NATIONAL RESEARCH COUNCIL OF CANADA

PUB DATE · AUG 63

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS- *BIBLIOGRAPHIES, *BOOKLISTS, *REFERENCE BOOKS, *REFERENCE MATERIALS, BOOKS, INDEXES (LOCATORS), LIBRARY COLLECTIONS, LIBRARY MATERIALS, NATIONAL RESEARCH COUNCIL

LISTINGS ARE GIVEN IN ELEVEN CATEGORIES. THEY ARE--(1) GENERAL, (2) ELEMENTARY SCHOOLS, (3) HIGH SCHOOLS, (4) SPECIAL SCHOOLS, (5) PLANNING AND DESIGN, (6) ECONOMIC ASPECTS, (7) SPECIAL FACILITIES, (8) FURNITURE AND EQUIPMENT, (9) SERVICES, (10) FIRE PREVENTION, AND (11) BIBLIOGRAPHY. COPIES OF SHORTER ARTICLES IN THIS BIBLIOGRAPHY MAY BE OBTAINED FROM THE NATIONAL RESEARCH COUNCIL, OTTAWA, CANADA. PRICES ARE $1.50 FOR A PHOTOPRINT OF ANY ARTICLE NOT MORE THAN 7 PAGES, AN ADDITIONAL $1.50 FOR EACH ADDITIONAL 7 PAGES OR FRACTION THEREOF. (RH)

ED018963

CANADA

abutment • alcove • alignment • apartment • arch • area • ashlar • attic • batten • bay • bearing • bevel • board • bond • brace
brick • building • bulkhead • bungalow • caisson • causeway • ceiling • cellar • cement • ceramic • chimney • clay • concrete
construction • course • decay • deck • design • dimension • door • dormer • dovetailing • dowel • dwelling • earth • eave • efflorescence
electrical • elevation • finish • flashing • floor • flue • footing • foundation • frame • furring • gable • grade • grain • ground • grout
gauge • gutter • gypsum • hardwood • heading • heating • height • housing • insulation • interior • jamb • joist • knot • laminated
lath • lintel • louver • lumber • masonry • meter • modular • moisture • mortar • moulding • mullion • nails • orientation • paint • panel
parapet • partition • pediment • pier • pigment • pitch • plan • plaster • plumbing • plywood • prefabricated • quoins • rafter
reinforced • reveal • roof • sand • sheathing • specification • stress • vermiculite • wallboard • weathering • window • wire • wood

BIBLIOGRAPHY

EDUCATIONAL BUILDINGS

PART I: SCHOOLS

A SELECTED LIST OF BOOKS AND REPORTS

RECEIVED BY THE

BUILDING RESEARCH LIBRARY

The Building Research Branch of the

National Research Council Library

January 1960 - April 1963

compiled by

Barbara G. Bolton

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

August 1963

DIVISION OF BUILDING RESEARCH • NATIONAL RESEARCH COUNCIL • OTTAWA, CANADA

EF 001633

Copies of shorter articles listed in this Bibliography may be obtained, in general, through the photocopying service of the National Research Council. Rates for this service are as follows: $1.50 for a photoprint of any article of not more than 7 pages. An additional $1.50 is necessary for each additional 7 pages or fraction thereof. A discount will be allowed to the libraries of Canadian universities. Requests for photoprints should be addressed to the National Research Council, Ottawa, Canada.

Coupons are issued by the Council valued at 5, 25, and 50 cents. These can be used in payment for this service as well as cash (stamps are not acceptable), money order or cheque (payable at par in Ottawa credit National Research Council). Coupons can be used for the purchase of all National Research Council publications.

NO 24

CONTENTS

	Page
ELEMENTARY SCHOOLS	2
HIGH SCHOOLS	2
SPECIAL SCHOOLS	3
PLANNING AND DESIGN	3
ECONOMIC ASPECTS	4
SPECIAL FACILITIES	4
FURNITURE AND EQUIPMENT	5
SERVICES	5
FIRE PREVENTION	6
BIBLIOGRAPHY	6

NATIONAL RESEARCH COUNCIL

DIVISION OF BUILDING RESEARCH

LB3205 Aloi, Giampiero
A45 Scuole; saggio introduttivo di Gillo Dorfles. Milano, Hoepli, 1960.
347p.

727.1
Architects' journal, v.131, n.3390, April 7, 1960, p.535-544.
Comprehensive school.
10p.

Architectural record, v.127, n.2, February 1960, p.195-218.
Schools: Building types study n.279.
24p.

Architectural record, v.127, n.5, May 1960, p.193-216.
Schools: Building types study n.282.
24p.

Architectural record, v.128, n.2, August 1960, p.179-202.
Schools: Building types study n.285.
24p.

Architectural record, v.129, n.1, January 1961, p.125-148.
Schools: Building types study n.290.
24p.

Architectural record, v.130, n.1, July 1961, p.163-182.
Schools: Building types study n.295.
19p.

Architectural record, v.130, n.4, October 1961, p.156-174.
Schools: Building types study n.299.
19p.

Architectural reocrd, v.131, n.2, February 1962, p.135-150.
Schools: Building types study n.303.
16p.

Architectural record, v.132, n.1, July 1962, p.147-166.
Schools: Building types study n.309.
20p.

Architectural record, v.133, n.2, February 1963, p.159-185.
Schools: Building types study n.316.
27p.

LB3221 Berger, Wilhelm
B49 Schulbau von heute für morgen. Göttingen, Musterschmidt-Verlag ,1960,
186p. illus. 23cm.
Main

727.1
Clinchy, Evans
Schools for team teaching. New York, February 1961.
64p. (Educational facilities laboratories)

727.1:69.003.1
Great Britain. Select committee on estimates.
,Eighth, Report, session 1960-61. School building.
London, August 1961.
423p.

727.1
Holmes, James R.
School building orientation, by James R. Holmes and Clayton W. Chance (From American institute of architects. Journal, v.34, August 1960)
3p. (American institute of architects. School plant studies BT 1-40)

727.1
Hulteberg, Mauritz
Skolbyggnader i USA «School buildings in U.S.A.» av Mauritz Hulteberg och Olle Wåhlström. Stockholm «1962»
48p. (Sweden. Swedish state committee for building research. Report n.81)

727.1
Knezevich, S.J.
Your new school; a Procrustean bed or a functional plant (From American school board. Journal, v.140, n.3, March 1960, p.35-37, 48)
4p.

727.1
Levin, Robert E.
The visual environment in today's schools.
Stanford, 1956.
20p. (Stanford university. School of education. Monograph n.6)

727.1
New York (State) University. Education department. Division of school buildings and grounds.
School building projects; a guide to administrative procedures. Albany, 1960.
34p.

ELEMENTARY SCHOOLS

727.1
Calderwood, D. M.
Waterkloof primary school; a development project. Pretoria, 1960.
46p. (South Africa. National building research institute. Technical report n.8)

727.112
Clinchy, Evans
Belaire elementary school, San Angelo, Texas. New York, September 1960.
19p. (Educational facilities laboratories. Profiles of significant schools)

727.112
Clinchy, Evans
Public school no.9, Borough of Queens, New York City. New York, September 1960.
12p. (Educational facilities laboratories. Profiles of significant schools)

727.112
Great Britain. Ministry of education. Building bulletin n.3.
Village schools. ¡London, June 1961.
80p.

727.112
Pawley, Eric
Small schools. Pt.1. 1 to 3 classrooms (From American institute of architects. Journal, v.37, March 1962)
5p. (American institute of architects. School plant studies n. BT 1-47)

727.112
Taylor, James L.
Functional schools for young children, by James L. Taylor and others. ¡Washington, 1961¡
81p. (U.S. Office of education. Special publication n.8)

727.112
Weinstock, Ruth
Heathcote elementary school, Scarsdale, New York. New York, September 1960.
26p. (Educational facilities laboratories. Profiles of significant schools)

HIGH SCHOOLS

727.113
Calderwood, D. M.
Lyttelton high school; a development project. Pretoria, 1961.
39p. (South Africa. National building research institute. Technical report n.11)

727.113
Clinchy, Evans
A & M consolidated senior high school, College Station, Texas. New York, May 1960.
14p. (Educational facilities laboratories. Profiles of significant schools)

727.113
Clinchy, Evans
North Hagerstown high school, Hagerstown, Maryland. New York, February 1960.
18p. (Educational facilities laboratories. Profiles of significant schools)

727.113
Clinchy, Evans
Rich township high school, Olympia Fields campus, Rich township, Illinois. New York, May 1960.
24p. (Educational facilities laboratories. Profiles of significant schools)

727.1
Clinchy, Evans
Wayland senior high school, Wayland, Massachusetts. New York, January 1960.
28p. (Educational facilities laboratories, inc. Profiles of significant schools)

727.113
Educational facilities laboratories. Profiles of significant schools.
High schools 1962; a status report on educational change and architectural consequence. ¡New York, December 1961¡
88p.

727.113
Great Britain. Ministry of education. Building bulletin n.17.
Development projects: secondary school, Arnold. London, August 1960.
92p.

727.113
India. National buildings organisation.
Report on higher secondary school buildings; report of the Panel on school buildings. New Delhi, November 1960.
27p.

SPECIAL SCHOOLS

Architectural record. v.129, n.4, April 1961, p. 170-188.
Special schools; Building types study n.293.
19p.

PLANNING AND DESIGN

72.001
American institute of architects. School plant studies n.BT 1-39.
The services of an architect in school building planning. (From American institute of architects. Journal, v.32, n.6, December 1959)
4p.

727.113
Dokumentationsstelle für Bautechnik. Literaturzusammenstellung n.267.
Hochschulen. Gesamtplannung ¡High schools. Principles of planning¡. Stuttgart, 1961.
11p.

535.6
Frean, R. Merle
Colour and the child; colour and its contribution to school and hostel buildings, by R. Merle Frean and D.M. Calderwood. Pretoria, 1959.
27p. (South Africa. National building research institute. Technical report n.7)

727.1
Fredzell, Bo
Skolplanering i Örebo län ¡School planning in Örebo county. Stockholm, 1960¡
104p. (Sweden. Swedish state committee for building research. Report n.64)

727.1:721.011
Hamon, Ray L.
School plant courses offered by colleges and universities in the United States, 1956-59. Washington ¡1958¡
32p. (U.S. Office of education. Circular n.534)

LB3209 H23 — Handler, Benjamin
Economic planning for better schools; a study of how to use available resources to best advantage - through capital budgeting - in meeting the changing needs of education. Ann Arbor, University of Michigan, 1960.
107p. tables. 27cm. (Michigan. University College of Architecture and Design. Research publication)
Main Aero A.C. A.P. Bldg x Radio Upids

721.013
Kent, Stanley R.
What is different about a modular school? (From School progress, August-September 1958, p.36-38)
3p.

PLANNING AND DESIGN - Cont'd.

727.1:721.011
Lopez, Frank G.
Educational specifications for a school building. (From American institute of architects. Journal, v.38, n.2, August 1962)
3p. (American institute of architects. School plant studies. BT 1-49)

727.1
McLean, Robert E.
The relationship of school plant expense and building compactness in elementary school buildings. Stanford, Calif.
10p. (Stanford university. School planning laboratory. Report n.3)

727.1
New Jersey. State board of education.
Schoolhouse planning and construction; a guide. Rev. ed. Trenton, December 3, 1958.
87p.

727.113
Papua and New Guinea. Dept. of public works.
Report on the development and design of the secondary school, Port Moresby. ¡Port Moresby, 1960¡
10p.

727.1:721.011
Paseur, C. Herbert
Flexibility in school building design, or The ancient king and his 3 wise architects (From American institute of architects. Journal, v.32, n.5, November 1959). Washington ¡1959¡
4p. (American institute of architects. School plant studies n.BT 1-38)

727.1
Producers' council. Technical bulletin n.93.
School construction. ¡Washington, September 1960.
126p.

727.1:721.011
Salmela, Arto
Koulurakennuksen taloudellinen sunnittelu ¡Economical planning of a school building¡ Helsinki, 1962.
283p. (Finland. State institute for technical research. Publication n.68)

727.1:721.011
Schneider, Raymond C.
School site selection; a guide, by Raymond C. Schneider and Carl E. Wilsey. Stanford, Calif., September 1961.
43p. (Stanford. University. School planning laboratory. Report n.5)
(Educational facilities laboratories)

PLANNING AND DESIGN - Cont'd.

727.1:721.011
Sweden. Swedish state committee for building research. Report n.71.
Skolbyggnadens plantyp och kostnad. 2. Ett lokalprogram för en låg- och mellanstadieskola studerat i 13 alternativa planlösningssystem (Plans and costs of a school building. Pt.2. Building plans for a junior stage and a middle stage school). Stockholm, 1961.
61p.

727.1
Technical notes on brick and tile construction, v.10, n.10, October 1959.
School building construction.
4p.

727.1:69.003.1
U.S. Bureau of labor statistics. Bulletin n.1299.
Labor requirements for school construction. Washington, July 1961.
50p.

727.1:69.003.1
White, Robert F.
Budget for school site development (From American institute of architects. Journal, v.35, n.4, April 1961, p.121-124)
3p. (American institute of architects. School plant studies n. BT-1-45)

ECONOMIC ASPECTS

727.1
Denmark. Danish national institute of building research. Nyt skolebyggeri n.8.
Byggepriser på landsbyskoler (Building costs of rural schools). København, 1958.
44p.

727.1
Educational facilities laboratories.
The cost of a schoolhouse. (New York, 1960)
144p.

727.1
Fowler, Fred M.
A new approach to school building cost comparison. (Salt Lake City)
44p. (Utah. Department of public instruction. Division of school plant planning)

727.1
Largent, Francis D.
Comparative costs and utilization of permanent and transportable classrooms. Stanford, August 1960.
16p. (Stanford university. School planning laboratory. Report n.2)

ECONOMIC ASPECTS - Cont'd.

727.1
National lumber manufacturers association.
Comparative costs of walls - partitions - roofs for school buildings. Washington (1959)
27p.

727.1
Pöyhönen, Pentti
Kansakoulujen rakennuskustannukset «Building costs of elementary schools» by Pentti Pöyhönen and Jouko Silvonen. Helsinki, 1960.
62p. (Finland. State institute for technical research. Series 3 - Building. Report n.39)

727.1
Zimmerman, William J.
The relationship of initial cost and maintenance cost in elementary school buildings. Stanford, Calif., July 1960.
14p. (Stanford university. School planning laboratory. Report n.1)

SPECIAL FACILITIES

727.1
Calderwood, D. M.
School buildings as community facilities (From taNtu, v.7, n.1, January 1960)
7p. (South Africa. National building research institute)

727.1
Chapman, Dave
Planning for schools with television. New York, 1960.
96p.

Prepared for Educational facilities laboratories.

727.1
Hurd, Paul DeH.
Science facilities for the modern high school. Stanford, 1954.
52p. (Stanford university. School of education. Monograph n.2)

725.85
McLeod and Ferrara, architects.
Conventional gymnasium versus geodesic field house; a comparative study of high school physical education and assembly facilities. New York (1961)
16p. (Educational facilities laboratories. Case studies of educational facilities n.1)

727.5
New York (State) University. Education department. Division of school buildings and grounds.
Planning science facilities for secondary schools. Albany, 1960.
14p.

SPECIAL FACILITIES - Cont'd.

727.1
New York (State) University. Education department. Division of school buildings and grounds.
Designing the school plant as a community center. Albany, 1960.
10p.

727.1
New York (State) University. Education department. Division of school buildings and grounds.
Planning facilities to accomodate adult education. Albany, 1958.
18p.

025.17
New York (State) University. Education department. Division of school buildings and grounds.
Planning schools for use of audio-visual instruction materials. Albany, 1959.
28p.

727.113
Ovard, Glen Fowler
Planning social studies facilities for secondary schools. Stanford, Calif., November 1961.
60p. (Stanford. University. School planning laboratory. Report n.6)
(Educational facilities laboratories)

727.113
Palmer, R. Ronald
Laboratories and classrooms for high school physics, by R. Ronald Palmer and William Maxwell Rice: with a preface by W.C. Kelly (From American institute of physics. Modern physics buildings; design and function, ch.12). New York, 1961.
32p. (Educational facilities laboratories)

726.5:016
Royal institute of British architects. Library bibliography.
School and college chapels. London, April 30, 1959.
1p.

725.74
Terry, William L.
A guide for planning the school and college swimming pool and natatorium. [New York, n.d.]
73p. (Columbia university. Teachers college. Bureau of publications)

699.85:69.035.4
U.S. Office of civil and defense mobilization. Technical report n.12.
School shelter; an approach to fallout protection. [Washington, January 1960.
21p.

FURNITURE AND EQUIPMENT

LB3261 L84:2
London county council. Education committee.
School furniture. [2d ed.]. London, 1962.
v.p.

SERVICES

697:721
Actual specifying engineer, October 1960, p.87-91.
The air conditioned school is cheaper.
4p.

696.9:727.1
Currie, M. G.
Daylighting in school classrooms. [Toronto, November 3, 1953.
15p. (Ontario hydro electric power commission. Research division. Report n.18)

69.059
Finchum, R. N.
School plant management: organizing the maintenance program. [Washington, 1960.
98p. (U.S. Office of education. Bulletin n.15)

696.9:727.1
Illuminating engineering, v.57, n.4, April 1962.
Special issue on school lighting.
74p.

697.1:721
Rudoy, W.
An economic study of heating and ventilating systems for school buildings, by W. Rudoy and D. Walukas. Pitsburgh, September 1960.
20p. (Pittsburgh. University. Engineering research division)

696.6:727.1
Sweden. Swedish state committee for building research. Report n.59.
Klassrummets dagerbelysning; två modellstudier [Daylight illumination of classrooms; two studies with models. Stockholm, 1960]
38p.

LB3241 T32
Terry, Harry
Mechanical-electrical equipment handbook for school buildings; installation, maintenance, and use. N.Y., John Wiley [1960]
412p. illus., plans, tables. 24cm.
Mair
Aero

697.1:721
Wilson, Kenneth M.
Electric heating for schools (From Construction specifier, September 1960, p.10-14)
5p.

FIRE PREVENTION

Fire
614.842.62
Building research advisory board. Committee on safety to life from fire in elementary and secondary schools.
School fires; an approach to life safety. Prepared jointly with the Committee on fire research. (Washington, September 1960.
58p.

Fire
614.842.62
Educational facilities laboratories, inc.
Ring the alarm! A memo to the schools on fire and human beings. Some suggestions for principals and other school officials on the management of people to meet the emergency of school fires. New York (December 1959)
19p.

Fire
614.842.62
Finchum, R. N.
School fires; prevention, control, protection, by R.N. Finchum and Glenn C. Boerrigter. Washington, 1962.
130p. (U.S. Office of education. School plant management series)
(U.S. Office of education. Bulletin n.6, 1962)

Fire
614.841.3:727.1
International fire fighter, v.42, n.1, January 1959.
The Chicago school fire, a comprehensive report.
32p.

Fire
614.842.62
Michigan. State police. Fire marshal division.
School fire safety regulations. East Lansing, Mich., 1962.
39p.

Fire
614.842.62
Ontario. Fire marshal's office.
School fire safety design standard. 2d ed. (Ottawa, February 15, 1962.
31p.

BIBLIOGRAPHY

727.1:016
Germany. Deutsches Bauzentrum (Bibliography n.239)
Auswahl der Literatur über Berufschulen (Selected bibliography on trade schools). Stuttgart (July 17, 1959)
5p.